

ABSTRACT

5 A light source, in particular incandescent lamp,
with a bulb (1), a filament (2) arranged in the bulb (1),
and a heating device (3) for the filament (2), the
filament (2) emitting both visible light and heat
radiation, is designed and constructed with respect to a
high conversion efficiency between an electrical power
input and emitted light output such that the filament (2)
10 includes a flat section (4). A light source of this type
may be produced by a method, wherein initially a filament
(2) of a sintered metal powder is provided.
Subsequently, the filament (2) is exposed to an
atmosphere of carbon dioxide or of carbon dioxide and
15 inert gas for forming a metal carbide. Finally, the
filament (2) is sealed into the bulb (1).

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